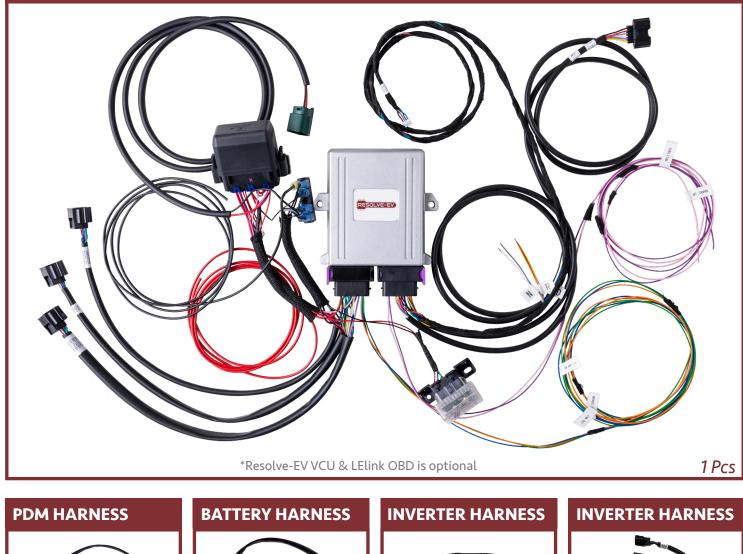
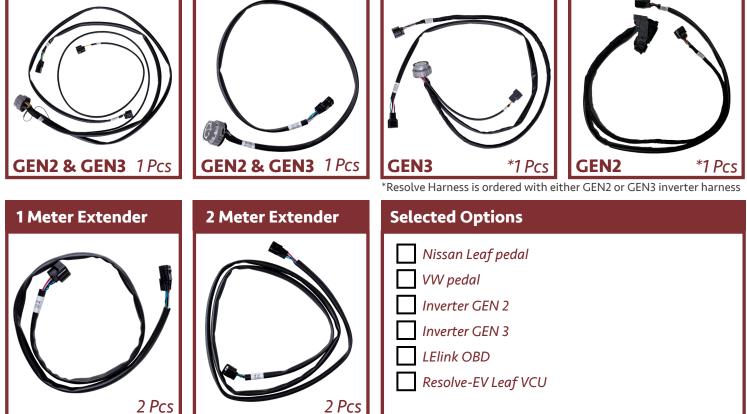


VCU Leaf Harness Product Description

Document Rev. 1.0. 2024-03-08

MAIN HARNESS





 $\mathsf{Extends}$ connection between VCU $\,\mathsf{Battery},\mathsf{PDM}$ and depending on your vehicle configuration.



VCU Leaf Harness Instruction 1

Document Rev. 1.0. 2024-03-11

MAIN HARNESS - IO

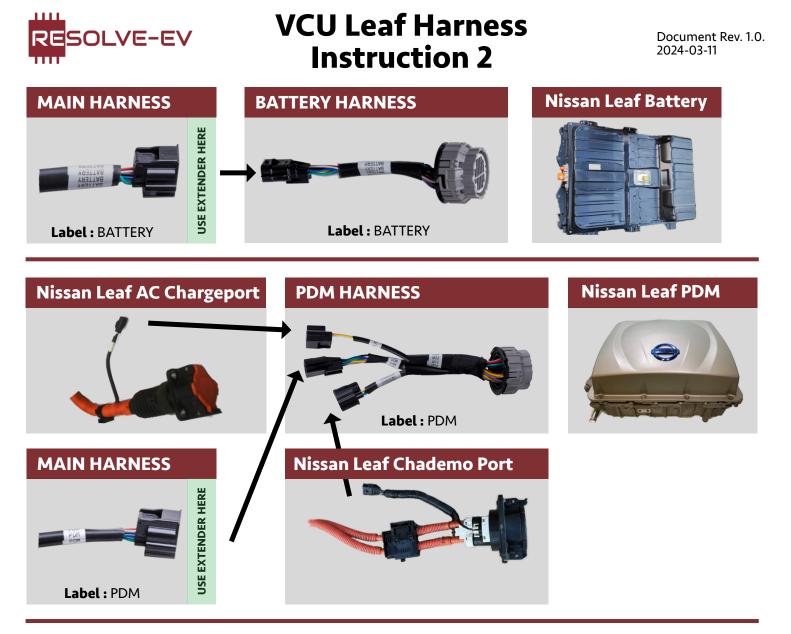
Color	Wire	Label	Description
Black		BAT- GROUND"	Connect directly to negative terminal of 12v battery
Red 💻		"12+ BAT"	Connect directly to positive terminal of 12v battery
Violet		"IGN IN"	Apply +12v to turn on system. Commonly connected to Ignition key. Not required for charging.
Pink 🛑		"BRAKE IN"	Connect to brake pedal. Should get +12v when applying Brake. Is required to put vehicle into gear.
Orange 🗕		"FAN OUT"	Outputs +12v when any of the powertrain component rises above a certain temperature. Commonly connected to a radiator fan via a relay. Max current: 2A
Green		"BRAKE OUT"	Outputs +12v when regen braking is larger than 40Nm. Should be connected to brake light via a relay. Max current: 2A
Blue		"REV LIGHT OUT"	Outputs +12v when vehicle is put into reverse. Commonly connected to reverse lights via a relay. Max current: 2A

MAIN HARNESS - Gear Selection

Color	Wire	Label	Description
Black Blue		"DRIVE"	Connect wires together momentarily to put system into drive. Active again to toggle regen strenght when system is in drive
Gray Violet		"NEUTRAL"	Connect wires together momentarily to put system into neutral
Orange Green		"REVERSE"	Connect wires together momentarily to put system into reverse

MAIN HARNESS - OLED, Throttle and Pump





MAIN HARNESS





Label : INVERTER

Leaf Inverter & Motor GEN 3

